

A Color Projection Display System

Abstract

The present invention is a 3D/2D convertible color projection display system with
5 two color LCoS panels, which enable the system to project two orthogonal
polarized images. When the two images correspond to different view angles, each
eye of an observer wearing a pair of polaroid glasses can only see one of the images,
creating a 3D stereoscopic effect. When the two images correspond to the same
view angle, then the observer, without any special glasses, can watch regular 2D
10 images with multiple primary colors.